ABSTRACT OF THE INVENTION

A method and system are provided for managing application programs with non-responsive user interfaces, possibly due to a bottleneck in handling events/messages. The method and system make an apparently frozen application user interface responsive so as

5   to permit alternative tasks be executed or close the hung application. This is enabled by implementing routines to (a) detect if an application is hung, (b) replace the user interface for the hung application with a ghost interface, implemented by a separate thread, that permits system functionality such as sizing, minimization and closing of the application, and (c) destroying the ghost interface if the hung application becomes responsive again

10   along with restoring the application's user interface along with updated event queues. Furthermore, creation of the ghost user interface is accompanied by placing a high priority special event in the hung application's queue to detect renewed responsiveness without requiring explicit monitoring.